Amendments to the Claims

This listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims

~~Claim~~ 1. (Currently amended)[[:]] ~~Process~~ A process for the cleaning of components ~~(8)~~ on a plurality of printing press rollers, comprising: ~~that are involved in the printing process. The cleaning process involves supplying solvents to these rollers that remain in the printing machine while being cleaned. The process in accordance with the present invention is characterized by the fact that~~

~~the printing ink is removed from the blade chamber (2) and the blade chamber (2) is filled with solvent and~~

~~that during the cleaning an active connection is maintained between the blade chamber (2) and the uncleaned components (8) of the rollers (3, 4) that are involved in the printing process. This active connection does not interfere with the transfer of the solvent. The process in accordance with the invention is also characterized by the fact that~~

~~the rollers (3, 4) rotate during the cleaning process~~

~~so that solvent is transferred from the blade chamber (2) onto the uncleaned components of the rollers (3, 4) that are involved in the printing process. When the solvent arrives on the~~

~~components to be cleaned, ink is diluted and/or dried residual ink is dissolved and transported back to the blade chamber by the rotation of the rollers (3, 4)~~

removing printing ink from a blade chamber and supplying the blade chamber with a cleaning solvent;

interrupting communication between a first roller and a remainder of the plurality of rollers;

rotating the first roller to transfer the solvent from the blade chamber onto the first roller components that are to be cleaned by removing ink therefrom and to transfer the removed ink and solvent from the cleaned roller to the blade chamber; and

successively establishing communication between the cleaned roller and an adjoining roller of the plurality of rollers, rotating the cleaned roller and the adjoining roller to transfer the solvent from the blade chamber onto the rotating rollers to remove ink from the adjoining roller and to transfer the removed ink and solvent from the cleaned adjoining roller to the blade chamber until all of the rollers are cleaned.

~~Claim~~ 2. (Canceled)

~~Claim~~ 3. (Currently amended)[[:]] ~~Process~~ The process in accordance with claim 1 ~~characterized by the fact that~~ wherein

the solvent is continuously circulated inside the blade chamber ~~(2)~~.

~~Claim~~ 4. (Currently amended)[[:]] ~~Process~~ The process in accordance with claim 3 ~~characterized by the fact that~~ wherein a ~~part~~ portion of the solvent is ~~sucked off~~ suctioned from the blade chamber via a discharge line ~~(9) from the blade chamber (2)~~ and ~~that~~ a ~~part~~ portion of the discharged solvent and/or a non-contaminated solvent is fed to the blade chamber ~~(2)~~ via a feed line ~~(10)~~.

~~Claim~~ 5. (Currently amended)[[:]] ~~Process~~ The process in accordance with claim 1 ~~characterized by the fact that~~ wherein the first roller ~~(3) that~~ is in direct ~~connection~~ communication with the blade chamber ~~(2)~~ and is maintained in constant rotation for its cleaning and in constant contact with the solvent contained in the blade chamber ~~(2)~~.

~~Claim~~ 6. (Currently amended)[[:]] ~~Process~~ The process in accordance with claim 1 ~~characterized by the fact that~~ wherein the rollers ~~(3, 4) between which an active connection exists,~~ rotate with ~~the~~ a same circumferential ~~speeds~~ speed.

~~Claim~~ 7. (Currently amended)[[:]] ~~Process~~ The process in accordance with claim 1 ~~characterized by the fact that in the cleaning operation the rollers (3, 4) between which an active connection exists, are arranged closer to each other in comparison to their arrangement in the printing operation~~ wherein during the cleaning process a distance between adjoining rollers is less than a distance between the adjoining rollers during a printing operation.

~~Claim~~ 8. (Currently amended)[[:]] ~~Process~~ The process in accordance with claim 1 ~~characterized by the fact that the~~ wherein a rotational direction of the rollers ~~(3, 4)~~ is reversed at least once.

~~Claim~~ 9. (Currently amended)[[:]] Control equipment for ~~a printing machine for the automatic implementation of a~~ automatically operating the process in accordance with claim 1.

10. (New) The control equipment according to claim 9, further comprising equipment to interrupt the automatic operation and enable manual control of the process.

11. (New) The process according to claim 1, wherein the step of cleaning the components includes diluting ink and/or dissolving dried residual ink.

12. (New) The process according to claim 1, wherein the first roller is an anilox roller and the adjoining roller is a printing plate roller.

13. (New) The process according to claim 1, wherein the step of interrupting communication between the first roller and a remainder of the rollers includes separating the first roller from contact with the adjoining roller such that only the first roller rotates.

14. (New) The process according to claim 1, wherein the step of establishing communication between the cleaned roller and an adjoining roller includes contacting the cleaned roller with the adjoining roller such that the cleaned roller and the adjoining roller rotate simultaneously.

15. (New) A process for cleaning rollers positioned in a printing press, comprising:

supplying a cleaning solvent to a blade chamber;

interrupting communication between a first roller and an adjoining second roller;

rotating the first roller to transfer the solvent from the blade chamber onto the first roller so as to clean material therefrom, and to transfer used solvent that includes the material removed from the cleaned roller to the blade chamber;

establishing communication between the cleaned roller and the second roller so as to rotate both the cleaned roller and the second roller to transfer the solvent from the blade chamber onto the rotating rollers to clean material from the second roller, and to transfer used solvent that includes at least the material removed from the second roller to the blade chamber.

16. (New) The process according to claim 15, wherein a plurality of the rollers is successively cleaned.

17. (New) The process according to claim 16, wherein the plurality of rollers all rotate simultaneously to clean a final roller.

18. (New) The process according to claim 15, wherein the first roller and the second roller each rotate in a direction opposite to a printing mode direction of roller rotation.

19. (New) The process according to claim 15, wherein the step of cleaning the first roller includes continuously withdrawing used solvent from the blade chamber and supplying fresh solvent to the blade chamber so as to maximize an amount of the material removed from the first roller.

20. (New) The process according to claim 15, further comprising before the step of cleaning the second roller a step of positioning the first roller closer to the second roller than the first and second rollers are positioned during a printing operation.

21. (New) The process according to claim 15, further comprising a step of reversing a rotational direction of each of the rollers at least once during the cleaning of each roller.